BB SCOUT™

MODEL RM650

LEVER ACTION BB AIR RIFLE

OWNER'S MANUAL

READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS AIR RIFLE

Incluye instrucciones en español al reverso

Crosman Corporation
Rts. 5 & 20
P.O. Box 308
East Bloomfield, NY 14443

RM650-515

⚠ WARNING: Not a toy. Adult supervision required. Misuse or careless use may cause serious injury, particularly to the eye. May be dangerous up to 200 yards (183 meters).

YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SHOOTING GLASSES TO PROTECT YOUR EYES.

READ ALL INSTRUCTIONS BEFORE USING.

BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS AIRGUN.

THIS AIRGUN IS INTENDED FOR USE BY THOSE 16 YEARS OF AGE OR OLDER.

Congratulations and thank you for purchasing the CROSMAN BB SCOUT™ lever action BB cal. (4.5mm) air rifle. Please read this owner's manual completely. And remember, this air rifle is not a toy. Treat it with the same respect you would a firearm. Always carefully follow the safety instructions found in this owner's manual and keep this manual in a safe place for future use.

If you have any questions regarding your new air rifle, please contact Crosman at 1- 800-724-7486, 716-657-6161 or www.crosman.com.

STEPS FOR SAFE SHOOTING

Step 1. Learning the Parts of Your New Air Rifle
Step 2. Operating the Safety
Step 3. Loading and Unloading BBs
Step 4. Cocking Your Air Rifle
Step 5. Aiming and Firing Safely
Step 6. Removing a Jammed BB
Step 7. Maintaining Your Air Rifle
Step 8. Reviewing Safety

Step 1. Learning the Parts of Your New Air Rifle

Learning the names of the parts of your new air rifle will help you to understand your owner's manual. Use this manual to increase your enjoyment of this air rifle.

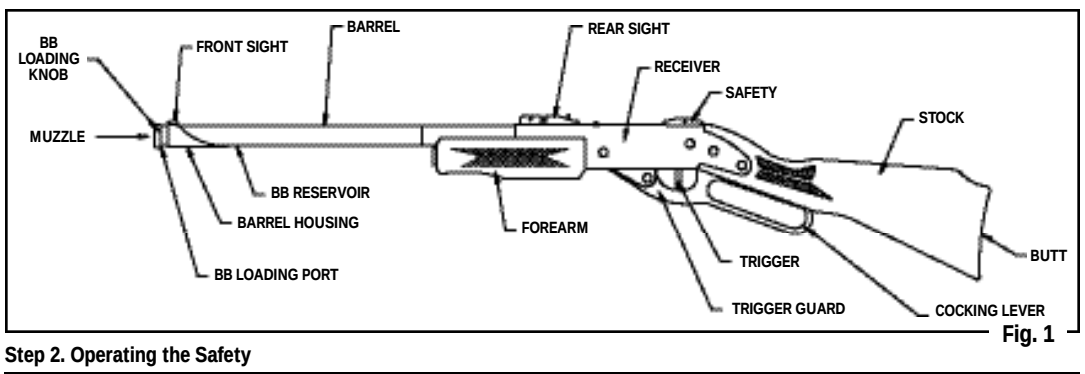

Fig. 1

Step 2. Operating the Safety

⚠ WARNING: Keep the air rifle in the "ON SAFE" position until you are actually ready to shoot. Then push the safety to the "OFF SAFE" position.

A. To Put the Air Rifle "ON SAFE:"
- Locate the safety on top of the receiver.
- Push the safety back towards the butt end of the stock (Fig. 2). The safety is not "On Safe" unless it is pushed all the way back towards the butt of the stock and the RED dot is not showing. The air rifle will not fire when "On Safe".

  Even when the safety is "On Safe", you should continue to handle the air rifle safely. Do not ever point the air rifle at any person. Do not ever point the air rifle at anything you do not intend to shoot.

B. To Take the Air Rifle "OFF SAFE":
- Push the safety all the way forward towards the barrel. The air rifle is ready to fire when "Off Safe".

  When you can see the RED dot, the air rifle is "Off Safe" and can be fired.

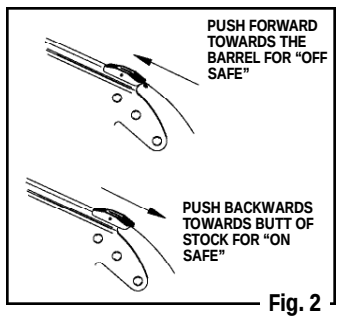

Fig. 2

Step 3. Loading and Unloading BBs

⚠ WARNING: Use BBs only. Never reuse BBs. Use of any ammunition other than BBs can cause injury to you or damage to the air rifle.

A. Loading BBs
- Make sure the air rifle is "On Safe" (See **Step 2A**).
- With the air rifle pointed in a SAFE DIRECTION, rotate it so that the top of the receiver is pointing towards the ground.
- While keeping your hand away from the front of the muzzle, turn the BB loading knob until the slot in the BB loading knob is aligned with the slot in the barrel (Fig. 3).
- With the muzzle end of the barrel pointed upward, slowly pour up to 65 BBs through the BB loading port into the BB reservoir.
- Turn the BB loading knob so that the slot is positioned on top of the barrel.

B. Unloading the BBs
- Make sure your air rifle is not cocked by pointing it in a SAFE DIRECTION, taking it "Off Safe" (See **Step 2B**) and squeezing the trigger to fire.
- Put the air rifle "On Safe" (See **Step 2A**).
- With the air rifle pointed in a SAFE DIRECTION, rotate it so that the top of the receiver is pointing towards the ground.
- While keeping your hand away from the front of the muzzle, turn the BB loading knob until the slot in the BB loading knob is aligned with the slot in the barrel.
- Rotate the air rifle so that the top of the receiver is now pointing upward.
- Tilt the muzzle end of the barrel downward, and shake the air rifle until all of the BBs fall out.
- After removing the BBs and while keeping your hands away from the front of the muzzle, turn the BB loading knob so that the slot in BB loading knob is positioned on top of the barrel. (Fig. 4).
- Make sure your air rifle is "On Safe" (See **Step 2A**) and pointed in a SAFE DIRECTION.
- Cock and fire the air rifle (See **Step 4**) two times to make sure that no BBs remain in the air rifle.

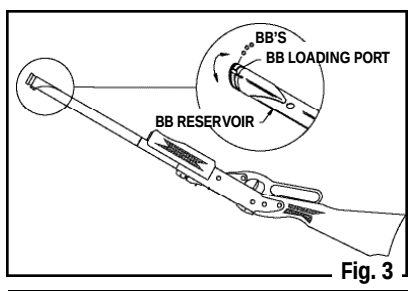

Fig. 3

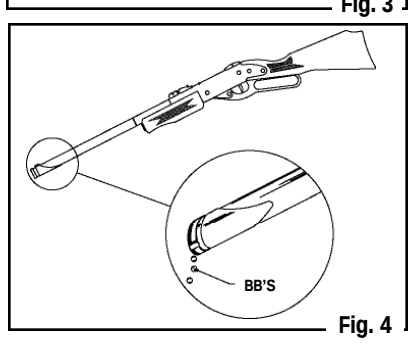

Fig. 4

Step 4. Cocking Your Air Rifle

⚠ WARNING: Always keep a firm grip on the cocking lever when cocking your air rifle and do not release it until you hear it click. The cocking lever could slip and slam shut, causing possible injury.

- Make sure the air rifle is "On Safe." (See **Step 2A**)
- With the muzzle end of the barrel raised upward (front sight also pointed upward) in a SAFE DIRECTION, pull the cocking lever all the way outward until you hear a click (Fig. 5).
  NOTE: Raising the muzzle while cocking the air rifle enables a BB to roll into the firing position.
- Close the cocking lever **as shown in Fig. 5**, making sure to hold it firmly to prevent it from springing open and possibly causing injury.
- Your air rifle is now ready to fire.

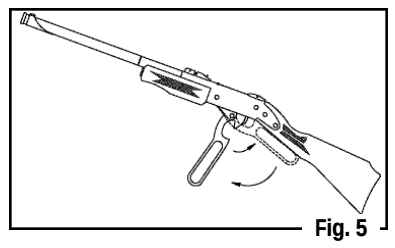

Fig. 5

Step 5. Aiming and Firing Safely

A. Aiming and Firing the Air rifle
- You and others with you should always wear shooting glasses to protect your eyes.
- Always aim your air rifle in a SAFE DIRECTION. When you are sure of your target and backstop, and the area around the target is clear, take the air rifle "Off Safe" (See **Step 2B**) and squeeze the trigger to fire.
- Do not shoot at hard surfaces or at the surface of water. The BB may bounce off or ricochet and hit someone or something you had not intended to hit.
- Always choose your target carefully. It is best to shoot at paper bullseye targets which are attached to a safe backstop such as the Crosman 850 Target Trap. A loosely hung piece of carpet or canvass should be hung behind the Target Trap to prevent ricochet should you miss the backstop.
- Your backstop should be checked for wear before and after each use. Replace your backstop if the surface is worn or damaged or if a ricochet occurs.
- Your air rifle is designed for target shooting and is suited for both indoor and outdoor use. Always remember to place your target carefully. THINK about what you will hit if you miss the target.
- The air rifle is correctly aimed when the front sight blade is positioned exactly in the notch of the rear sight. The top of the front sight blade should be even with the top of the notch in the rear sight. The bullseye should appear to rest on the top of the front sight (Fig. 6).

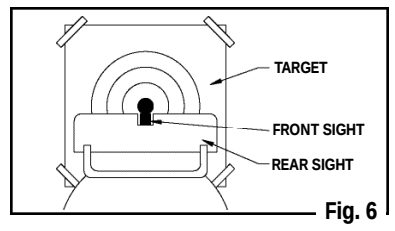

Fig. 6

B. Sight Adjustment

The rear sight may be adjusted to shoot higher or lower (elevation). Move the rear sight elevator forward to make the BB hit higher on the target. Move the rear sight elevator back to make the BB hit lower on the target. When moving the elevator, slightly lift the rear sight and reset it on the desired notch in the elevator (Fig. 7).

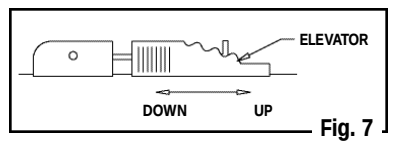

Fig. 7

Step 6. Removing a Jammed BB
- Do not reload the air rifle.
- With the air rifle "On Safe" (See **Step 2A**), pointed in a SAFE DIRECTION, and making sure to keep your hands away from the front of the muzzle, turn the BB loading knob so that the slot in the BB loading knob is positioned approximately 90° to the left or right of the top of the barrel (Fig. 8).
- Carefully pull the BB tube from the barrel housing **as shown in Fig. 8**.
  NOTE: If the BB loading knob is turned to the proper position, you should be able to easily remove the BB tube from the barrel housing without force.
- Insert a ramrod of the proper size into the breech end of the BB tube and carefully push the jammed BB out the muzzle end of the BB tube **as shown in Fig. 8**.
- Do not try to reuse that BB.
- With the air rifle pointed in a SAFE DIRECTION, and being sure to keep your hands away from the front of the muzzle, replace the BB tube by inserting it into the barrel so that the slot in the BB loading knob is positioned approximately 90° to the left or right of the top of the barrel.
- Gently push the BB tube into the barrel, being careful not to force it into place, which could possibly result in pinching your fingers. (If the slot in the BB loading knob is turned to the proper position, you should be able to easily push the BB tube back into the barrel.)
- **Make sure the BB tube is locked securely into place and the slot in the BB loading knob is returned so that it is positioned at the top of the barrel.**
- **If you are not able to unjam your air rifle by following this procedure take no further action.** Crosman Corporation or an Authorized Service Station will unjam your air rifle (no cost during the warranty period).

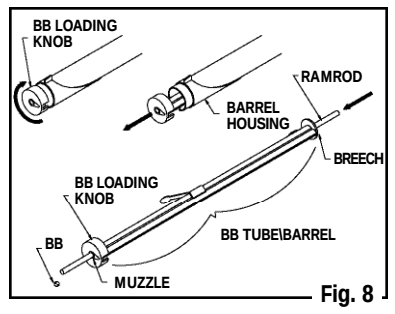

Fig. 8

Step 7. Maintaining Your Air Rifle
- Add two drops of Crosman Crosman 0241 PELLGUNOIL® lubricating oil every 300 to 400 shots where indicated (Fig. 9). DO NOT use a petroleum distillate based oil or solvent and DO NOT over-oil as this can cause damage to your air rifle.
- If the accuracy of your air rifle falls off, run a firm but free fitting patch through the barrel. Be sure to use a ramrod of the proper size that will not damage the barrel.
- Tampering with the air rifle or attempts to change the air rifle in any way may make it unsafe to use and will void the warranty.
- If you drop your air rifle, check to see that it works properly before you use it again. If anything seems changed, like a shorter or weaker trigger pull, this may mean worn out or broken parts. **Call Customer Service at Crosman for assistance before using your air rifle again.**

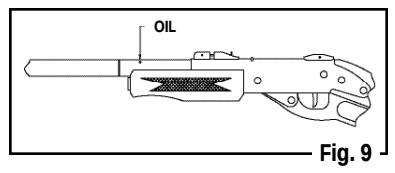

Fig. 9

Step 8. Reviewing Safety
- Do not ever point the air rifle at any person. Do not ever point the air rifle at anything you do not intend to shoot.
- Always treat the air rifle as though it is loaded and with the same respect you would a firearm.
- Always aim in a SAFE DIRECTION. Always keep the muzzle of the air rifle pointed in a SAFE DIRECTION.
- Always keep the air rifle "On Safe" until you are ready to shoot in a SAFE DIRECTION.
- Always check to see if the air rifle is "On Safe" and unloaded when getting it from another person or from storage.
- Always keep your finger off the trigger and out of the trigger guard until ready to shoot.
- You and others with you should always wear shooting glasses to protect your eyes.
- Use BBs only. Never reuse BBs.
- Do not shoot at hard surfaces or at the surface of water. The BB may bounce off or ricochet and hit someone or something you had not intended to hit.
- Replace the backstop if it becomes worn. Place the backstop in a location that will be safe should the backstop fail.
- Do not attempt to disassemble or tamper with your air rifle. Use an Authorized Service Station or return it to the factory for repair.
- Do not put the air rifle away loaded. Make sure **ALL** of the BBs are unloaded from the air rifle. (See **Step 3B**)
- Always store this air rifle in a secure location.

SPECIFICATIONS

Mechanism:	Lever action	Sights:	**Front**	Fixed blade
Caliber/Ammunition:	BB Cal (4.5 mm) Steel Airgun Shot Ⓢ		**Rear**	Adjustable for Elevation
Weight:	2 lbs. 8 oz.	Barrel:		Smooth/steel
Overall Length:	35 inches	Power source		Spring Piston
		Safety		Slide style
		Velocity		Up to 300 fps (91.44 m/s)

PERFORMANCE

Many factors affect velocity, including brand of projectile, type of projectile, lubrication, barrel condition and temperature.

REPAIR SERVICE

If your air rifle needs repair, we recommend that you take or send it to an Authorized Service Station or Crosman Corporation. **For an Authorized Service Station near you, visit our web site at www.crosman.com or call Customer Service at 1-800-724-7486 or 716-657-6161. (International customers should contact their distributor.)** DO NOT ATTEMPT TO DISASSEMBLE IT! Your air rifle requires special tools and fixtures to repair it. If you take it apart, you probably will not be able to reassemble it correctly. Crosman assumes no warranty responsibility under such circumstances.

LIMITED 90 DAY WARRANTY

This product is warranted to the retail consumer for 90 days from date of retail purchase against defects in material and workmanship and is transferable. To register the serial number of your gun, please return the Product Registration form found in your owner's manual packet. The warranty is not conditioned on the return of the card.

WHAT IS COVERED

Replacement parts and labor. Transportation charges to consumer for repaired product.

WHAT IS NOT COVERED

Transportation charges to Crosman for defective product. Damages caused by abuse or failure to perform normal maintenance. (See **Step 7**) Any other expense. CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, OR INCIDENTAL EXPENSES, INCLUDING DAMAGE TO PROPERTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

WARRANTY CLAIMS

USA Customers: Attach your name, address, description of problem, phone number and copy of sales receipt to product. Package and return to Crosman Corporation, Rts. 5&20, E. Bloomfield, NY 14443.
Canadian Customers: Follow packaging procedures above and send to Crosman Parts & Service Depot, 427 Pido Road, P.O. Box 2421, Peterborough, Ontario K9J 7Y8 Canada.
International Customers: Please return product to your nearest distributor. If you do not know your distributor, please call 716-657-6161 and ask for our International Department for assistance.

IMPLIED WARRANTIES

ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM DATE OF RETAIL PURCHASE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.
To the extent any provision of this warranty is prohibited by federal, state, or municipal law which cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

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